

ABSTRACT OF THE DISCLOSURE

[0052] The pharmaceutical composition is useful for treating epithelial tumors in a subject and contains at least two antigens and a pharmaceutically acceptable carrier, where each of the antigens induces or is capable of inducing a cutaneous delayed type hypersensitivity (DTH) response in the subject. This composition is particularly useful in treating epithelial tumors, such as warts or verrucae, that are induced by or related to papillomavirus. Antigens useful in the present pharmaceutical composition are anergy panel antigens, such as killed mumps virus, candida extract, trichophyton extract or comparable antigenic extracts. An additional pharmaceutical composition, also useful for treating epithelial tumors, contains at least one antigen that induces or is capable of inducing a cutaneous DTH response in a subject, at least one cytokine or colony stimulating factor and a pharmaceutically acceptable carrier. Kits containing these pharmaceutical compositions are useful for this immunotherapy.

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